



Attachment 5

Schedule

Greater Monterey County IRWM Region

*“Addressing an Urgent Water Supply Need for a Disadvantaged Community
in the Greater Monterey County IRWM Region”*

The Schedule attachment consists of three sections:

- Project Schedule (uploaded separately as *Att5_2015IRWM_Schedule_1of3*)
- Schedule Narrative (this document)
- Proposal Schedule (uploaded separately as *Att5_2015IRWM_Schedule_3of3*)

Project #1: Castroville Water Supply and Water Conservation Project

Schedule Narrative

The project start date is January 1, 2016 and the end date is August 31, 2017.

(a) Direct Project Administration

Task 1 – Grant Administration: The Castroville Community Services District (CCSD) initiated work on this project in 2015 due to the threat of seawater intrusion into the community water supply. However, for the purpose of this project schedule, a beginning date of 1/1/2016, the presumed date of execution of the IRWM Standard Grant Agreement, is utilized (the timeline may shift, depending on the actual date of execution). Financial information, the Environmental documentation form and any other documents required by DWR will have been prepared and submitted prior to execution of the Grant Agreement. Once the Agreement is in place, other administrative activities in this Task would begin.

Task 2 – Project Management: It is anticipated that contracts with the project management consultant(s) would be prepared in advance of the award in order to facilitate early implementation of grant activities such as scheduling and reporting.

Task 3 – Labor Compliance: The labor compliance task will start during the contract services task period. A Labor Compliance Plan (LCP) will be required and a determination of whether to retain the services of a consultant with an approved LCP will be made by CCSD in advance of the pre-construction meeting and Notice of Award. This task will continue through the Notice of Completion (NOC) filing and final determination of funds payable, if any, to the Department of Industrial Relations. Records will be made available to DIR and DWR as required to document compliance.

Task 4 – Grant Application: This task is complete. Invoices will be submitted for reimbursement of costs incurred in conjunction with the initial Progress Report and Invoice submittal to DWR.

(b) Land Purchase/Easement

N/A: The site of the proposed well, water treatment facility, and storage tank is owned by the CSD.

(c) Planning/Design/Engineering/Environmental Documentation

Task 5 – Feasibility Studies: This task is complete. The Basis of Design for the new water supply was completed in July 2015.

Task 6 – CEQA Documentation: This task began with a consultation with a Planning and Environmental Services firm to review the probable outcome of the CEQA compliance process. The remainder of this task will begin in November 2015, prior to the execution of the Grant Agreement. Upon completion of the Project Description and consultation with the State Water Resources Control Board (SWRCB) Drinking Water Program Environmental Unit, a determination will be made of the level of review required. CCSD will act as the Lead Agency. Based on CCSD's prior experience developing a well in the recent past, the expectation is that a finding of exemption will be made. No construction activities will begin until clearance is received from DWR and SWRCB Drinking Water Program.

Task 7 – Permitting

Task 7.1 – State and local permitting activities will be initiated in November 2015. CCSD will prepare an application to the SWRCB for a new well permit and consult with Planning and Environmental Health Bureau staff to initiate the permitting process as required under County Ordinances. Permits are scheduled to be issued in March 2016 and final sign-offs will be issued after final inspection and filing of the NOC, Well Completion Report, and related documents.

Task 7.2 – The FEMA review will begin in November 2015 with a determination of FEMA 100 year floodplain mapping for the project site. The determination will be utilized in the development of the CEQA Project Description and if found to be within the Floodplain will require a FEMA Floodproofing Certificate and Base Floodplain Certification by March 2016.

Task 7.3 – Fire District Review of the preliminary site location and final plans for the water storage tank will be required. The initial permit planning meeting will be scheduled in advance of the development of the CEQA Project Description, estimated in November 2015, in regard to siting and discussion of a planned request for expedited project review.

Task 8 – Design: This task will build upon the work provided in the Preliminary Basis of Design Report. A geotechnical report and topographical surveys will be initiated in November 2015, ahead of the Grant agreement to facilitate progress on the development of the final BOD Report, 30% design, and cost estimates. This approach will enable the project to maintain the implementation schedule.

Task 9 – Project Performance Monitoring Plan: This task will begin with development and submittal of the Project Performance Reporting Plan in January 2016. Progress tracking physical benefits claimed will be reported in quarterly reports to DWR and other regulatory agencies as required, and included in the draft and Final Reports at completion.

(d) Construction/Implementation

Task 10 – Contract Services: This task, involving development of bid documents, advertisement and review of bids, contractor evaluation and other contract activities begins December 2015 and ends March 2016 when the Notice to Proceed is issued.

Task 11 – Construction Administration: The Construction Administration Task is scheduled to begin March 30, 2016 when the contract period begins and will continue through the end of construction and preparation of the NOC in April 2017.

Task 12 – Construction of Well, Water Treatment and Storage Tank Design Build: This task will begin with the execution of design-build documents in March 2016 and end when the construction and performance testing is completed, including demobilization and site cleanup. Record Drawings, Equipment and Operating Manuals and warranties are to be provided and training complete before this task concludes in April 2017.

Task 13 – Construction Contingency: The construction contingency task consists of evaluating requests for change orders that may affect the design or cost of the project that occur as a result of design discrepancies, field conditions, or direction from State or local regulatory bodies. The task will be implemented from the beginning of the design build contract period and extend to project completion.

Task 14 – Implementation of Water Conservation Activities: This task includes implementation of the Water Conservation Program in partnership with Ecology Action, a non-profit with experience in providing conservation services. The work will commence in January 2016 with a review and determination of appropriate outreach and education strategies to maximize participation by the Castroville community and especially DAC households.

Task 14.1 – Education, Training, and Workshops: This subtask will include scheduling workshops, preparing materials, and coordinating workshops and presentations. The first workshop series would be offered in February or March 2016. Presentations to businesses and public and private agencies would be scheduled beginning in late spring, 2016. The final workshops would be held in the fall of 2016 in order to complete the installations by the end of the project schedule and allow for final reporting.

Task 14.2 – Rebate Program: The rebate or voucher program will be initiated in advance of the first workshops and presentations in order to allow sufficient time for Ecology Action and CCSD staff to recruit suppliers who are willing to support the program and provide discounts for participants. This activity will begin in January 2016 and conclude in time to meet grant reporting and closeout requirements.